

J-Cast 85 Part A

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: J-Cast 85 Part A
Chemical Name: Urethane Polyol
Supplier: Jacobson Chemicals Ltd
 Unit 4
 Newman Lane Industrial Estate
 Alton
 Hants
 GU34 2QR
Telephone: 01420 86934
Fax: 01420 549574
E-mail: sales@jacobsonchemicals.co.uk

2. COMPOSITION

Substance: No
Substance Name: Mixture
EC Index No: -
CAS Number: -
EEC Number: -

<u>Constituents</u>	<u>Range</u>	<u>Haz Synt</u>	<u>Risk</u>
Phenylmercury carboxylate	<1.0	Toxic	R24/25, R33, R34

3. HAZARD IDENTIFICATION

The most important hazards are: Vapour hazard is negligible at room temperature.
 Contact with eyes may cause mild irritation
 Repeated skin contact may give rise to irritation.
 Single dose oral is low.

4. FIRST AID MEASURES

Immediate medical attention: Yes
Professional assistance from physician required? Yes
Inhalation: N/a
Skin Contact: Remove soiled clothing. Remove product with dry paper towel. Do not use solvents. Wash affected area with soap & water.
Eye Contact: In case of contact, immediately flush with plenty of water for at least 15 minutes. Seek medical attention.
Ingestion: ***Do not induce vomiting.***
 Slowly dilute with 1-2 glasses of Water or milk & seek medical attention.

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J-Cast 85 Part A

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam dry powder or water spray.
Exposure Hazards:	Avoid inhaling fumes. Incomplete combustion releases toxic gases
Special protective equipment:	Suitable respiratory equipment

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear mask, gloves & goggles. Wash walking surface to avoid slipping hazard.
Methods of Cleaning:	Wipe, scrape or soak up in an inert material & dispose of according to local authority regulations.
Environmental Precautions:	Do not allow entering the watercourse.

7. HANDLING & STORAGE

Handling:	Avoid contact and inhalation of vapours and dusts. Do not eat, drink or smoke while working. Wash hands after use.
Storage:	The product is moisture sensitive. Keep in a dry place in the original containers tightly closed.
Incompatible materials:	Acids and strong oxidising agents.

8. EXPOSURE CONTROLS

Take measures to prevent:	Use adequate ventilation for the work area and storage area.
Exposure to control limits:	N/a
Respiratory protection:	N/a
Hand Protection:	Use protective gloves.
Eye Protection:	Safety goggles.
Skin Protection:	Use protective gloves.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Slight
Colour:	Clear
Flash Point:	>180 °C
Viscosity:	600 mPas @ 25 °C
Specific Gravity:	1.05 gcm ⁻³ @ 25 °C
Solubility:	Insoluble in water Soluble in organic solvents

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10. STABILITY & REACTIVITY

Conditions to avoid:	Temperatures below 0 °C
Materials to avoid:	Avoid contact with acids, bases or oxidising agents.
Hazardous decomposition products:	Carbon dioxide, Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

There was no toxicological data available on this preparation.

12. ECOLOGICAL INFORMATION

Possible effects:	This product is, in part, biodegradable. However it does contain very small quantities of materials which may be harmful to aquatic life.
Behaviour:	As above.
Environmental fate:	As above.

13. DISPOSAL CONSIDERATIONS

Likely residues / waste products:	N/a
Safe handling of and residues/waste products:	Disposal is normally achieved by burial or combustion on an approved site and according to local authority regulations.

14. TRANSPORT INFORMATION

Special carriage precautions in carriage:	None
Classification data:	None
UN Number:	None
Proper Shipping Name:	None
IMO - Sea:	None
ICAO - Air:	None
ADR - Road:	None
Transport Category:	None
Limited Quantity Size:	None
Additional Data:	Non hazardous for transport.

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15. REGULATORY INFORMATION

Supply label information:	None
Hazard Symbol:	None
Risk Phrases:	None
Safety Phrases:	S36: Wear suitable protective clothing.

16. OTHER INFORMATION

a) Training needs:	For further information contact our office.
b) Recommended uses and restrictions:	For use as a prototyping casting material for industrial applications only. Not for direct contact onto skin on any account.
c) Further references:	
d) Key data sources:	<ul style="list-style-type: none"> i.) HSE – EH40/98: Occupational exposure limits 1998. ii.) Supplier's Health & Safety data sheet. iii.) Croner's Hazard information & Packaging.

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

NOTE:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.